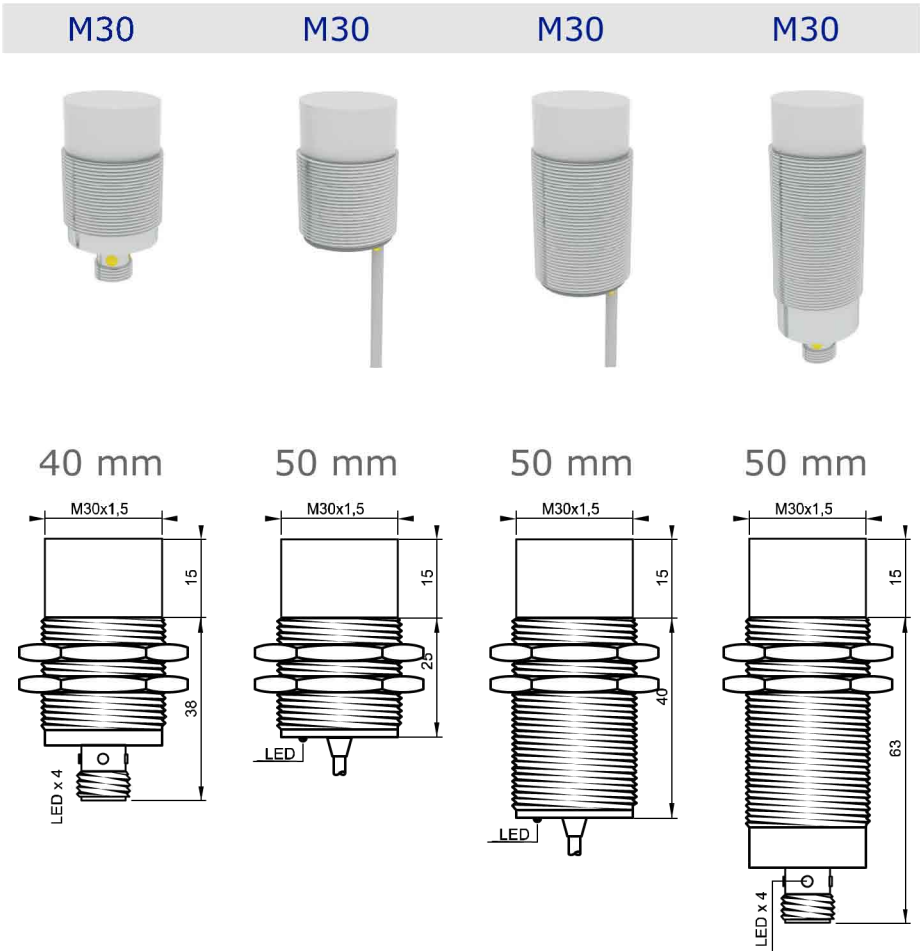
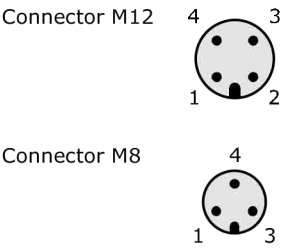
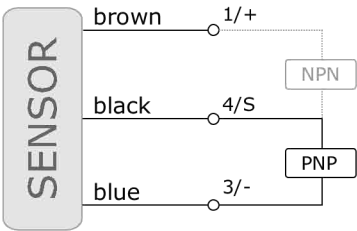


Output Schematics



SPECIFICATIONS

	M30x1.5	M30x1.5	M30x1.5	M30x1.5
Sensing Distance	40 mm - NonFlush	50 mm - NonFlush	50 mm - NonFlush	50 mm - NonFlush
Operating Voltage	10...30 VDC, 3-wire	10...30 VDC, 3-wire	10...30 VDC, 3-wire	10...30 VDC, 3-wire
Current Consumption	< 8 mA	< 8 mA	< 8 mA	< 8 mA
Output Current	200 mA	200 mA	200 mA	200 mA
Voltage Drop	< 1.5 V @ 200 mA	< 1.5 V @ 200 mA	< 1.5 V @ 200 mA	< 1.5 V @ 200 mA
Switching Frequency	100 Hz	100 Hz	100 Hz	100 Hz
Repeatability	< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)	< 1 % (Sn)
Hysteresis	3...15 %	3...15 %	3...15 %	3...15 %
Operating Temperature	-25...75 °C	-25...75 °C	-25...75 °C	-25...75 °C
Protection Class	IP67	IP67	IP67	IP67
Sensing Face Material	POM	PBT	POM	POM
Housing Material	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass	Nickel Plated Brass
Connected	M12, 3-pole	PVC, 3-pole, 2m	PVC, 3-pole, 2m	M12, 3-pole
Operating-LED	Incorporated	Incorporated	Incorporated	Incorporated

Article Code

3-wire NO, PNP	IPS30 N40PO53/M12	IPS30 N50PO40/A2P	IPS30 N50PO55/A2P	IPS30 N50PO78/M12
3-wire NC, PNP	IPS30 N40PC53/M12	IPS30 N50PC40/A2P	IPS30 N50PC55/A2P	IPS30 N50PC78/M12
3-wire NO, NPN	IPS30 N40NO53/M12	IPS30 N50NO40/A2P	IPS30 N50NO55/A2P	IPS30 N50NO78/M12
3-wire NC, NPN	IPS30 N40NC53/M12	IPS30 N50NC40/A2P	IPS30 N50NC55/A2P	IPS30 N50NC78/M12

Recommended Connecting Cable

M12/3...

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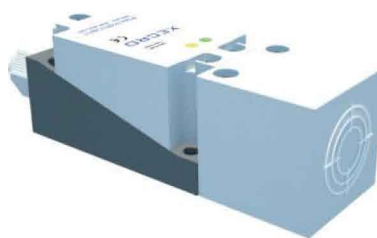
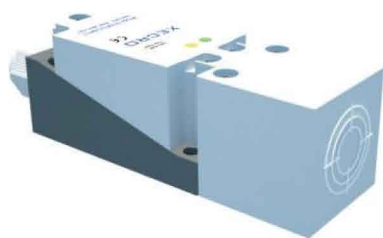
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M12/3...

M30

40x40

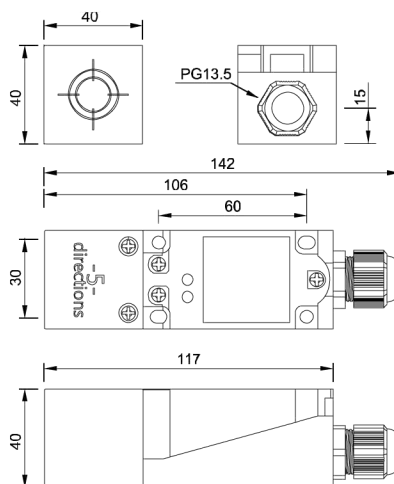
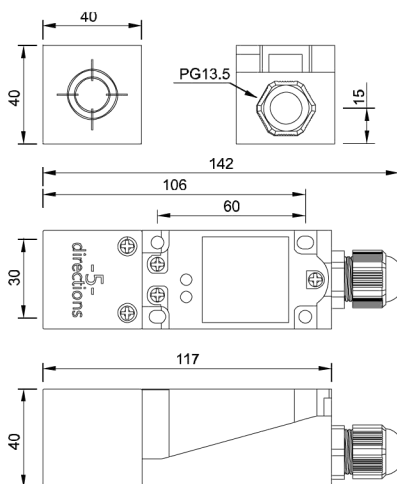
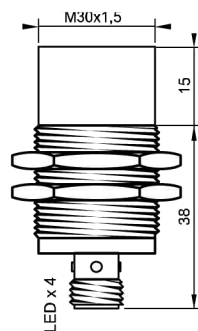
40x40



50 mm

15 mm

30 mm



M30x1.5 40x40 mm 40x40 mm 40x40 mm 40x40 mm

50 mm - NonFlush 15 mm - Flush 15 mm - Flush 30 mm - NonFlush 30 mm - NonFlush

10...30 VDC, 3-wire < 8 mA 200 mA < 1.5 V @ 200 mA 100 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 POM Nickel Plated Brass M12, 3-pole Incorporated	10... 30 10... 55 VDC < 11 mA 200 mA < 2 V @ 200 mA 120 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 5 Directions PBT PG13.5, Terminal Incorporated	24... 240 VAC < 16 mA 400 mA < 8 V @ 400 mA 25 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 5 Directions PBT PG13.5, Terminal Incorporated	10... 30 10... 55 VDC < 11 mA 200 mA < 2 V @ 200 mA 120 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 5 Directions PBT PG13.5, Terminal Incorporated	24... 240 VAC < 16 mA 400 mA < 8 V @ 400 mA 25 Hz < 1 % (Sn) 3...15 % -25...75 °C IP67 5 Directions PBT PG13.5, Terminal Incorporated
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IPS30 N50PO53/M12	IPS40 S15PCOL/PG13	IPS40 N30PCOL/PG13	
IPS30 N50PC53/M12	IPS40 S15NCOL/PG13	IPS40 N30NCOL/PG13	
IPS30 N50NO53/M12	IPS40 S15DOL/PG13	IPS40 N30DOL/PG13	
IPS30 N50NC53/M12	IPS40 S15DCL/PG13	IPS40 N30DCL/PG13	
	IPS40 S15AOL/PG13	IPS40 N30AOL/PG13	
	IPS40 S15ACL/PG13	IPS40 N30ACL/PG13	

M12/3...